

## SWP Water Quality Summary

May 19, 2005

**Total Dissolved Solids:** TDS at all locations ranged from 175 to 268 mg/l, however, concentrations at Banks Pumping Plant (BPP) and Vallecitos were below the Article 19 Ten Year Average Objective of 220 mg/l. There was an increase in TDS at Check 29, 41, and Barker Slough. The greatest increase of 69 mg/l occurred at Check 41 while BPP decrease by 23 mg/l.

**Bromide concentrations:** Bromide increased at Check 29, 41 and Barker Slough while concentrations at BPP, Devil Canyon and Vallecitos decreased. The highest concentration of .18 mg/l occurred at Check 41 while Barker Slough had the lowest of 0.08 mg/l, both on May 11, 2005. All the locations had concentrations above CBDA objective of 0.05 mg/l.

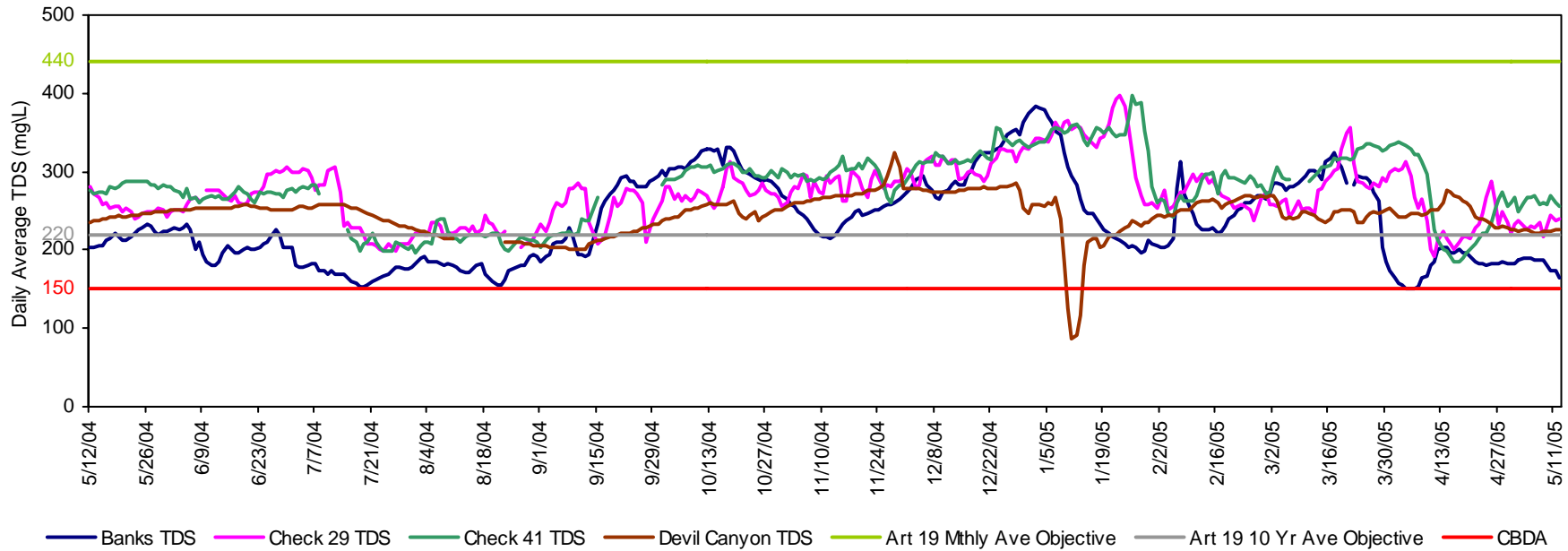
**Turbidity:** Turbidity at all locations was below 20 NTU except at Barker Slough. Turbidity increased at BPP, Devil Canyon and Vallecitos while concentrations decreased at Checks 29 and 41. The highest concentration of 29 NTU occurred at Barker Slough on May 11, 2005.

**Dissolved Organic Carbon:** DOC concentrations at Banks Pumping Plant and Check 13 varied considerably since last month's report. Concentrations slightly decreased at BPP (4.0 to 2.6 mg/l) and increased at Check 13 (2.9 to 3.8 mg/l) from April 14 to May 11, 2005. Concentration at Check 13 was slightly above the CALFED TOC Objective of 3 mg/l the last two weeks.

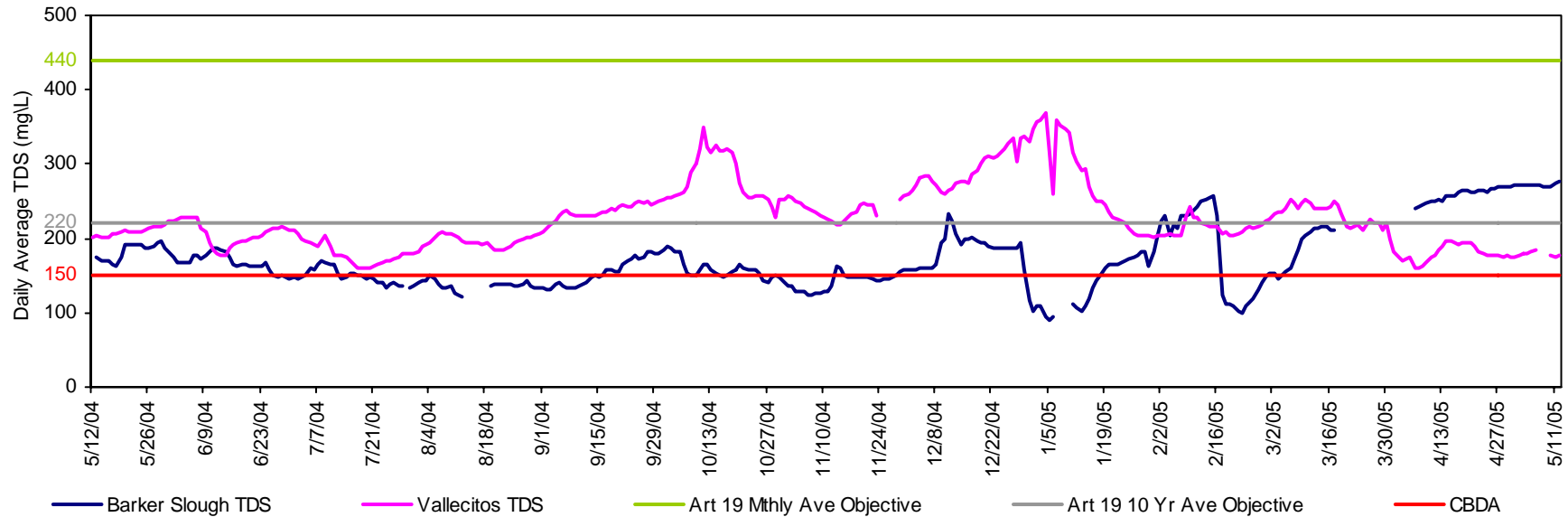
**Taste and Odor Compounds:** Taste and odor compounds (MIB and geosmin) were low at all locations from April 14 to May 11, 2005 and ranged from non – detect to 4 ng/l. Geosmin was 4 ng/l at Clifton Court Forebay inlet and BPP on April 18, 2005. Geosmin was high last week (ranged from 25 to 466 ng/l) at Lake Perris even after treating the Lake with copper sulfate on April 26, 2005.

**Ground Water Pump-in:** None.

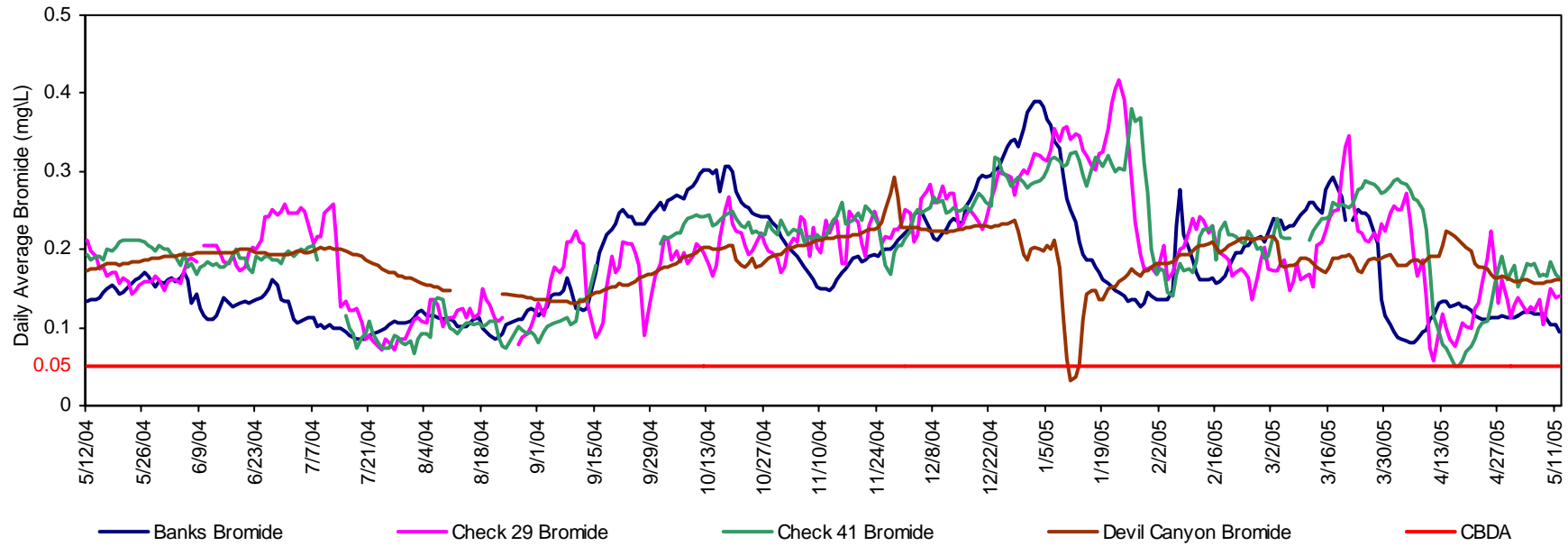
## California Aqueduct - Calculated Total Dissolved Solids



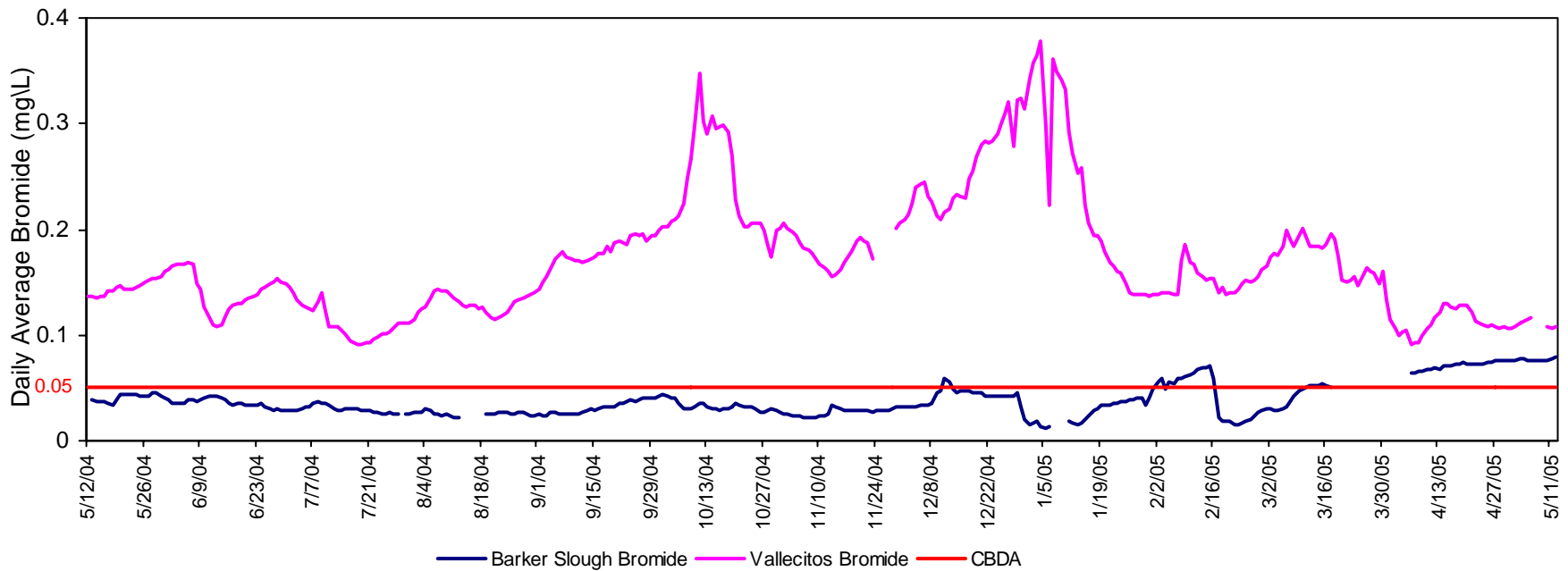
## North and South Bay Aqueduct - Calculated Total Dissolved Solids



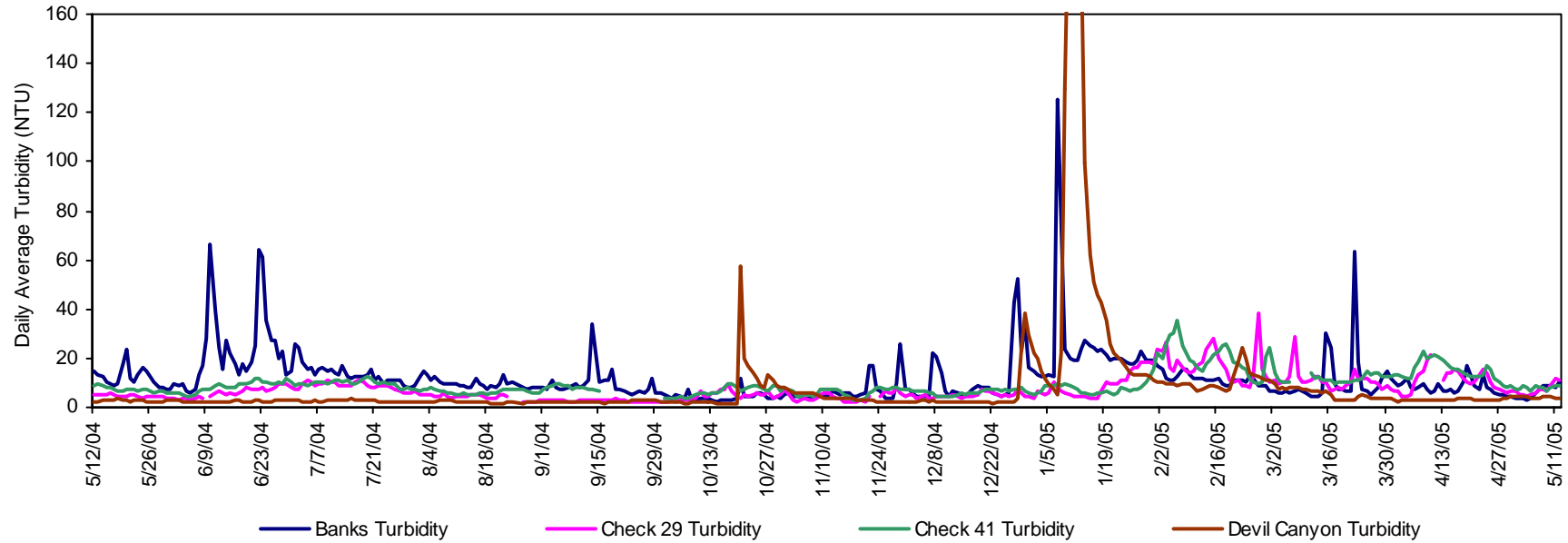
California Aqueduct - Calculated Bromide



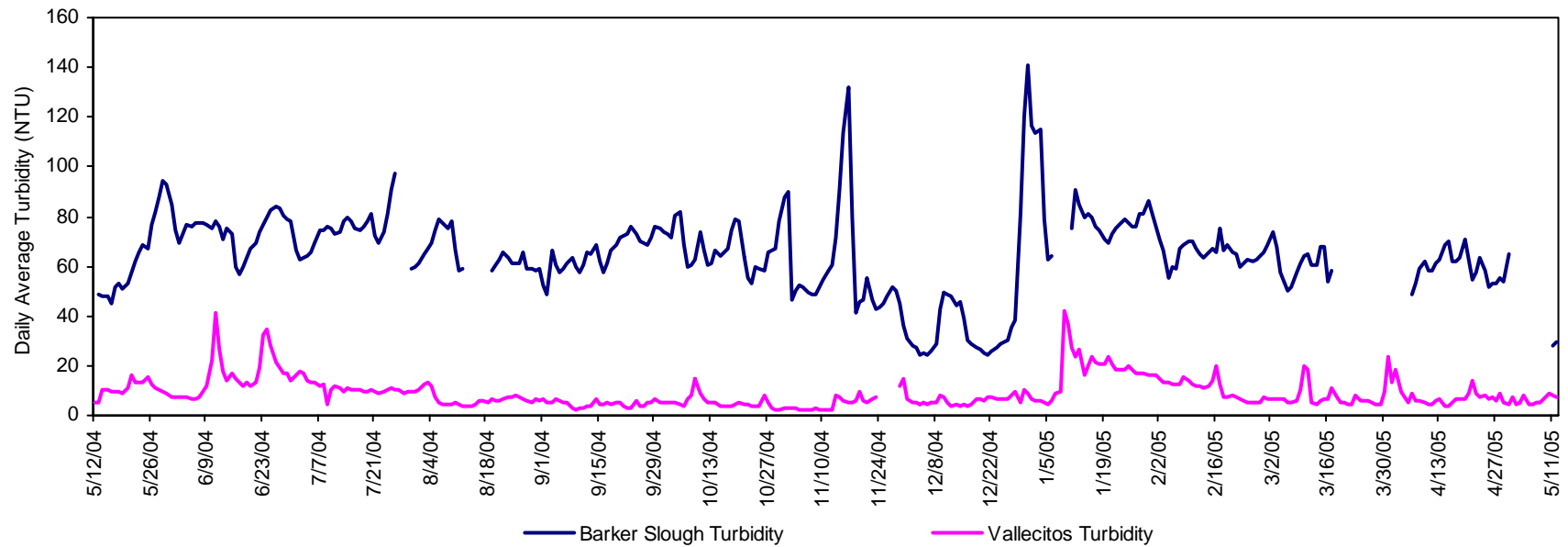
North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

